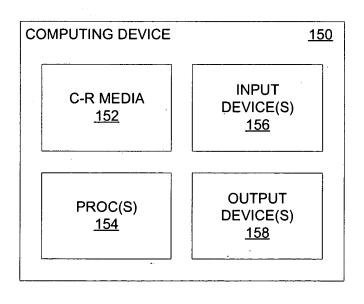
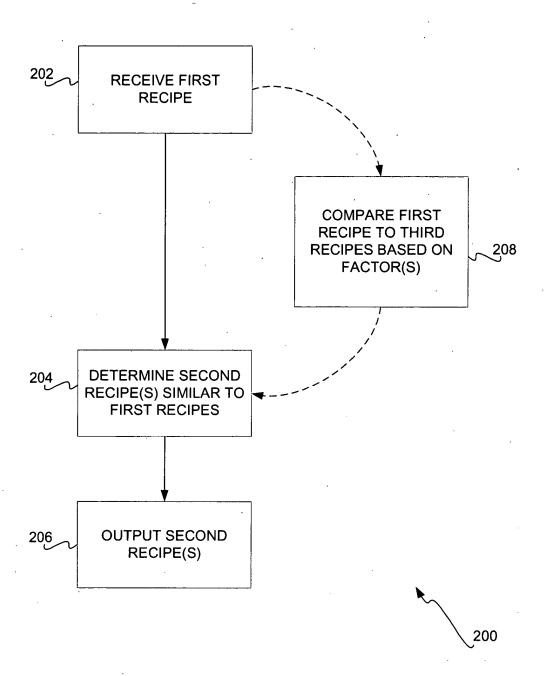


FIG 1B

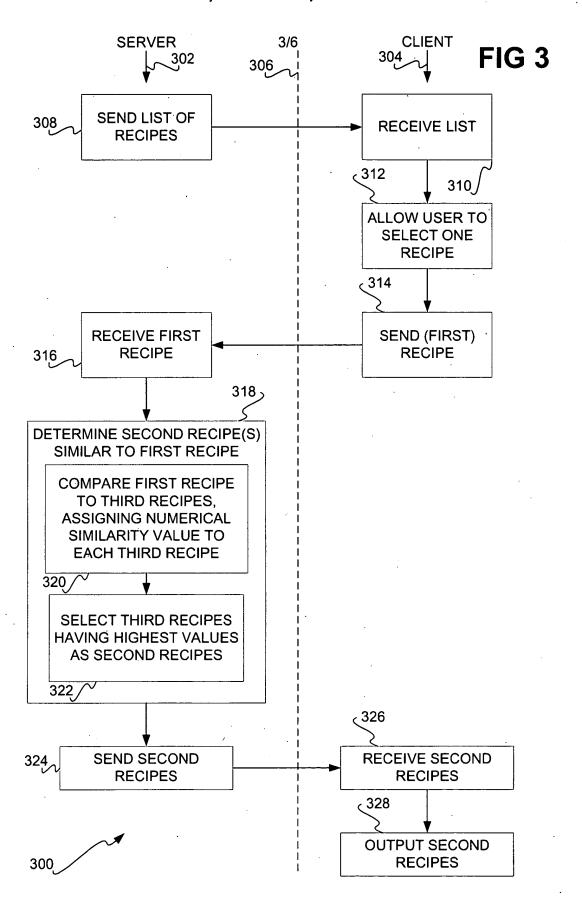


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FIG 2



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4/6 FIG 4A 402 DETERMINE ABSOLUTE DIFFERENCE BETWEEN CONTRIBUTION OF EACH INGREDIENT WITHIN FIRST RECIPE RELATIVE TO ALL INGREDIENTS WITHIN FIRST RECIPE, AND CONTRIBUTION OF THIS INGREDIENT WITHIN THIRD RECIPE RELATIVE TO ALL INGREDIENTS WITHIN THE THIRD RECIPE 404 DETERMINE ABSOLUTE DIFFERENCE BETWEEN CONTRIBUTION OF EACH INGREDIENT WITHIN THIRD RECIPE RELATIVE TO ALL INGREDIENTS WITHIN THIRD RECIPE, AND CONTRIBUTION OF THIS INGREDIENT WITHIN FIRST RECIPE RELATIVE TO ALL INGREDIENTS WITHIN THE FIRST RECIPE 406 ADD ALL ABSOLUTE DIFFERENCES DETERMINED TO YIELD INGREDIENTS RESIDUAL SUM 408 SUBTRACT INGREDIENTS RESIDUAL SUM FROM CONSTANT TO YIELD A DIFFERENCE AND MULTIPLY DIFFERENCE BY A WEIGHT TO YIELD WEIGHTED INGREDIENT COEFFICIENT

UTILIZE WEIGHTED INGREDIENT COEFFICIENT (I.E., EMPLOYING INGREDIENTS RESIDUAL SUM) AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE OR MORE OF THE THIRD RECIPES

410 ع

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422

FIG 4B

DETERMINE WEIGHTED SAME-TYPE COEFFICIENT FOR THIRD RECIPE AS NON-ZERO WHERE THE FIRST RECIPE AND THE THIRD RECIPE ARE OF THE SAME TYPE, AND AS ZERO WHERE THE FIRST RECIPE AND THE THIRD RECIPE ARE NOT OF THE SAME TYPE

424

UTILIZE WEIGHTED SAME-TYPE COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE OR MORE OF THE THIRD RECIPES



406

FIG 4C

DETERMINE WEIGHTED SAME-TITLE WORDS COEFFICIENT FOR THIRD RECIPE AS PERCENTAGE OF NON-COMMON WORDS OF THE FIRST RECIPE THAT ARE WITHIN TITLE OF THE THIRD RECIPE, MULTIPLIED BY A WEIGHT

408

UTILIZE WEIGHTED SAME-TITLE WORDS COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE OR MORE OF THE THIRD RECIPES



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FIG 4D

FIG 4E

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DETERMINE WEIGHTED SHARED-KEYWORDS COEFFICIENT FOR THIRD RECIPE AS PERCENTAGE OF KEYWORDS OF FIRST RECIPE THAT ARE ALSO KEYWORDS OF THIRD RECIPE DIVIDED BY THE TOTAL NUMBER OF UNIQUE KEYWORDS BETWEEN THE FIRST RECIPE AND THE THIRD RECIPE, MULTIPLIED BY A WEIGHT

464

c 462

UTILIZE WEIGHTED SHARED-KEYWORDS COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETEMBINED AS ONE OR MORE OF THE THIRD RECIPES

460 482

DETERMINE WEIGHTED SHARED-INGREDIENTS COEFFICIENT FOR THIRD RECIPE AS PERCENTAGE OF NUMBER OF INGREDIENTS OF FIRST RECIPE THAT ARE ALSO INGREDIENTS OF THIRD RECIPE PLUS NUMBER OF INGREDIENTS OF THIRD RECIPE THAT ARE ALSO INGREDIENTS OF FIRST RECIPE, DIVIDED BY THE TOTAL NUMBER OF INGREDENTS IN THE FIRST AND THE THIRD RECIPES, MULTIPLIED BY A WEIGHT

c 484

UTILIZE WEIGHTED SHARED-KEYWORDS COEFFICIENT AS A FACTOR UPON WHICH BASIS THE SECOND RECIPES THAT ARE SIMILAR TO THE FIRST RECIPE ARE DETERMINED AS ONE ORE MORE OF THE THIRD RECIPES

